U.S. Department of Commerce, SABIT Program
Technology Commercialization: Aviation
May 17 – June 14, 2003

Participant Information

Ruben Ambartsumyan
Sukhoi Design Bureau
Deputy Director, Program Coordination
Moscow, Russia

The Sukhoi Design Bureau was founded in 1939, and was converted to a joint-stock company in 1994. The company consists of a design bureau, experimental factory, testing base, and subsidiary departments. As Deputy Director, Mr. Ambartsumyan has four separate project managers who report to him; as a result, he would like to learn about project management, financing, and economic analysis in the U.S. aviation industry.

Sergey Bormalev
Perm Engine Company
Director, Information Technologies
Perm, Russia

Mr. Bormalev supervises 170 employees working in the automatic control system department, and also has responsibilities pertaining to the preparation of production automation technologies. He is currently involved in a project to improve the automitic control systems of the entire enterprise; therefore, he is involved in business process and systems reorganization, and the project implementation strategy. Additionally, he is also responsible for software development, three-dimensional design technologies, and the network infrastructure in the enterprise.

Valeriy Butsanu
Topaz (Owned by Salyut, Moscow)
General Director
Chisinau, Moldova

Topaz was founded in 1978 to produce microelectronic devices for the Ministry of Defense. In 2002, the Moscow-based aviation engine production facility "Salyut" acquired Topaz, and continuing a trend started in the late 1990's (to move away from non-aviation production activities), now roughly 95% of the enterprise's activities are in the production of engines and related components.

Alexander Danilin
Samara State Aerospace University
Head, International Programs
Samara, Russia

Samara State Aerospace University is one of the leading educational institutions in Russia for the aerospace industry. The university has four research institutes, twenty-six laboratories, and over 560 researchers working in the areas of engineering, design, engines, avionics, software applications, and design and manufacturing technologies. The university also cooperates with other educational institutions in Europe, Israel, and the United States. Mr. Danilin is directly responsible for the commercialization efforts of research and technologies developed at the university. The areas that he is proposing for collaborative work include: airframe development, composite materials, software for design and initial testing processes, and fatigue cracks.

Vladimir Kalmanovitch
International Union of Aviation Industry
Chairman of the Board
Moscow, Russia

The International Union of Aviation Industry was established in 2002 at the behest of numerous major aerospace concerns, including Sukhoi design bureau, Kamov, Ilyushin Aviation Complex, and the Russian Aeropace Agency. Its primary functions are to represent the interests of the industry domestically and abroad, with the purpose of facilitating mutually advantageous projects between members and interested foreign aerospace companies. Mr. Kalmanovitch is looking to focus on a number of subject areas while in the United States, including intellectual

property issues, improving Russian knowledge of technology commercialization and implementation to aid future joint projects, and to increase U.S. knowledge of the Russian aviation sector.

Leonid Khalfoun
MPO-Rumyantsev
General Director
Moscow, Russia

MPO-Rumyantsev manufactures and maintains fuel-supplying and control units for aircraft turbine engines, and counts Sukhoi, MiG, Salyut, and Gazprom among its customers. Mr. Khalfoun's primary interests for his internship on the SABIT program include the introduction of information technologies that will reduce product development time, the implementation of new technology, and meeting U.S. producers of gas turbine aircraft engines and fuel units, with the hope of establishing contacts for future cooperation.

Stepan Khandanyan
Aviacomplex
Production Director
Yerevan, Armenia

Aviacomplex specializes in the production of avionics for airplanes and other flight units. The enterprise comprises roughly 340 employees, and Mr. Khandanyan is interested in the study and organization of new production lines, in addition to finding potential U.S. partners for the joint production and development of new technologies.

Sergei Kharin
Aviadvigatel
Lead Design Engineer, Compressor Dept.
Perm, Russia

As the Lead Design Engineer, Mr. Kharin supervises the testing and manufacturing of new products for his department, which is one of the largest in the company, producing compressors for aircraft engines and industrial gas turbines. Aviadvigatel works closely with Pratt & Whitney in many of its aviation activities, and Mr. Kharin would like to meet with his U.S. colleagues to discuss their experiences and learn about new product development.

Nikolay Koporskiy
Electroavtomatika Design Bureau
Deputy Director
St. Petersburg, Russia

Electroavtomatika Design Bureau is a state-owned enterprise that designs, develops and manufactures airborne navigation, piloting, and airborne display systems. As Deputy Director, Mr. Koporskiy's responsibilities include concluding agreements with outside firms, financial planning and accounting, and developing research and development plans for the enterprise. Electroavtomatika has established a joint stock company together with Astronautics Corporation (WI), and Mr. Koporskiy would like to continue developing relationships with interested U.S. companies, and expand his knowledge of the avionics business in the United States.

Asya Markosova
Foreign Investment Agency of Uzbekistan
Deputy Head, Investment Projects Dept.
Tashkent, Uzbekistan

Ms. Markosova's agency is involved in a number of areas regarding foreign investment in Uzbekistan. Specifically, she supervises and collaborates with the Chkalov Tashkent Aircraft Production Corporation in their search for foreign partners to produce aircraft engines and their components. Her responsibilities include technology development and commercialization, improving the foreign investment climate in Uzbekistan, and the coordination of governmental organs related to these processes. She would like to use the contacts and knowledge gained on the SABIT Program to further foreign investment projects at the Chkalov facilities and in other prospective projects.

Sergei Monolenko
Saratov Aviation Plant
Deputy Director
Saratov, Russia

The Saratov Aviation Plant works in cooperation with the Yakovlev Design Bureau in the production of the YAK-family of aircraft. They produce the YAK-42, operated in China, Russia, and other countries of the former Soviet Union, and have developed the YAK-142 and YAK 142-100 variants of the YAK-42 aircraft. These feature new avionics equipment, cockpit

displays, and environmental systems that meet international standards. Mr. Monolenko would like to restructure his company's quality control system, implement the necessary technologies for the introduction of new production lines, and to increase the amount of cooperation between his company and U.S. aviation firms.

Odilkhuja Parpiev
Science and Technology Center, Uzbek Cabinet of Ministers
Department Head
Tashkent, Uzbekistan

The Science and Technology Center was established in 2002 to coordinate and finance scientific programs promoting innovation. Mr. Parpiev is involved in the development of new aviation projects, and is primarily concerned with issues of technology transfer and commercialization strategies. He would like to establish contacts with U.S. companies for research and development in civilian aviation projects, and would also like to share his experiences with specialists from Chkalov Tashkent Aircraft Production Corporation.

Igor Rybalchenko
KhAI Service (1)
Kharkov Aviation Institute (2)
Head, Division of Technical and Economic Development
Kharkov, Ukraine

KhAI Service is a non-governmental organization that has set its mission as bridging the gap between basic research and market applications to more effectively bring new technologies to the market. The company's long-term goal is to become the regional leader in technology commercialization and technology transfer. Much of its research is based upon work from the Kharkov Aviation Institute, but there are also other sources of input. Mr. Rybalchenko would like to learn about the U.S. technology commercialization process, as he considers it to be the most advanced in the world, and to learn how he might implement relevant U.S. concepts into his company in Ukraine.

Aleksey Suchalkin
Perm Engine Company
Deputy Chief Technologist
Perm, Russia

Perm Engine Company produces aircraft engines for mid-range and long-range airplanes, and produces engines of various capacities for other projects. Mr. Suchalkin's department is engaged in the machining of the parts, preparing production, monitoring quality control issues, and developing technical documentation. He would like to study new developments in aircraft and engine design and engineering, new composite materials, strategic planning in aerospace technologies, and legal aspects of research and development.

Vitaliy Sukhov
Institute of Machines and Systems
Kiev Branch
Director
Kiev, Ukraine

The Institute of Machines and Systems is based in Kharkov, and its overall goal is to provide for the organization and production of newly engineered products in the aircraft-building sector. The Kiev branch, established in 2002, provides manufacturing testing, documentation, and conducts research in areas of anti-corrosive protection, thin-slab structures, composite noise and vibro-protective materials, and engines. Mr. Sukhov's long-term goal is to establish an independent center for strategic development in the Ukrainian aviation industry, and believes that studying U.S. commercialization efforts will be beneficial to this end.

Andrey Tatuev
Nauka
Vice President
Moscow, Russia

Nauka is involved in a number of areas, including research and development, testing, and production of air pressure and exchange systems. Virtually all Russian aircraft and manned spacecraft are equipped with systems and products from Nauka. Mr. Tatuev is a vice-chairman of the Scientific Research Council of the company, and is responsible for the technological policy of the company and its relations with universities and technical schools.